WHAT IS CLAIMED IS:

1. A surveying instrument, comprising a collimation optical system and a visible laser projecting device with a visible laser light source unit for emitting a point light, wherein said surveying instrument comprises a photodetector for detecting a reflection light entering from said collimation optical system, and a control means for controlling light emission of said visible laser light source unit based on a detection result of said photodetector.

2. A surveying instrument according to claim 1, wherein said photodetector is a point light photodetector for detecting the point light entering as a reflection light, and said control means controls light emission of said visible laser light source unit based on detection of said point light photodetector.

3. A surveying instrument according to claim 2, wherein said control means drives or stops the light emission of said visible laser light source unit.

4. A surveying instrument according to claim 2, wherein said control means adjusts a light amount of the light emitted from said visible laser light source unit.

5. A surveying instrument according to claim 2, further comprising a distance-measuring unit, wherein a distance-measuring light photodetector of said distance measuring unit also serves as said point light photodetector.

6. A surveying instrument according to claim 1, further comprising a distance-measuring unit for emitting a distance-measuring light and for measuring a distance from the reflected distance-measuring light, wherein said distance-

measuring unit comprises a distance-measuring light photodetector for receiving the reflected distance-measuring light, and said control unit controls light emission of the visible laser light source unit under the condition where said distance-measuring light photodetector receives the reflected distance-measuring light.

7. A surveying instrument according to claim 6, wherein said control means adjusts a light amount of the light emitted from said visible laser light source unit.

8. A surveying instrument according to claim 6, wherein said distance-measuring unit has a light amount adjusting filter for adjusting a light amount of the distance-measuring light, and light emitting condition of said visible laser light source unit is controlled according to an adjustment amount of said light amount adjusting filter.